

Air Resources Management Bureau

Ambient Air Quality Monitoring Planning Priorities

NAAQS Overview and Summary

Fine Particulate Matter (PM_{2.5})

Montana's Primary Pollutant of Concern

Nonattainment Areas

(Annual / Daily NAAQS)



“At-Risk” Areas

(≥ 80% Daily NAAQS)

PM NAAQS Evaluation

- February 24, 2009: DC Circuit Court Remand:
 - PM_{2.5}
 - Reconsideration of Annual Primary Health-Based Standard
 - Reconsideration of Daily Secondary Welfare Standard for Visibility
 - PM₁₀
 - Daily NAAQS Remains 150 ug/m³
 - Annual NAQAQS Remains Vacated (Applicable MAAQS is 50 ug/m³)

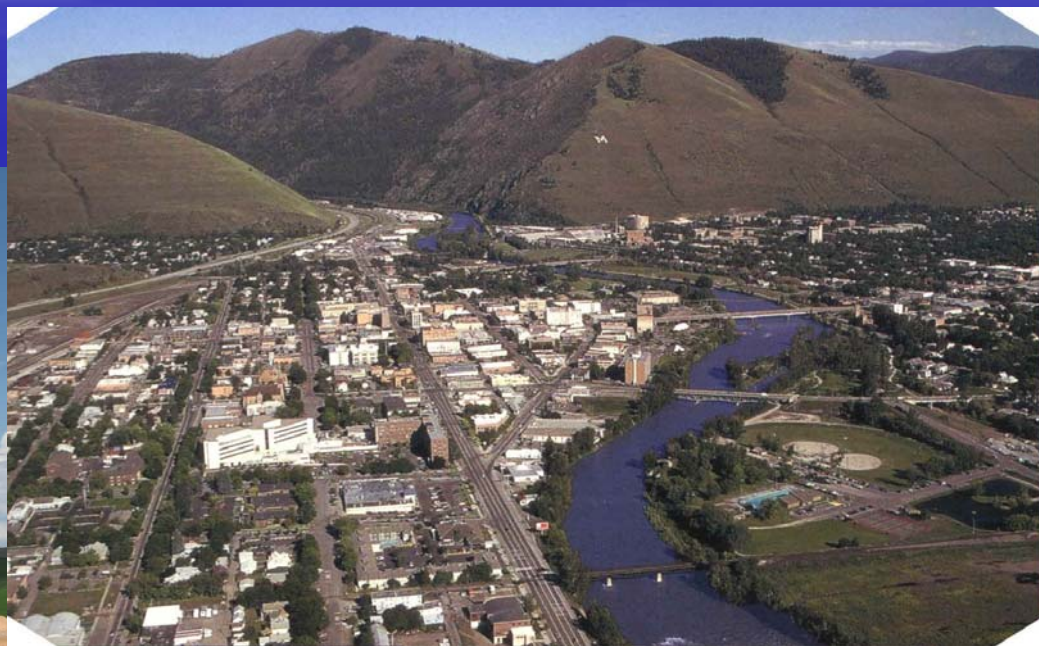
2008 Revised O₃ NAAQS (March 12, 2008)

- Primary NAAQS = 0.075 ppm
 - Prior NAAQS = 0.08 ppm (= 0.084 ppm)
- Secondary NAAQS = Identical
- ARMB Proposed New Rural and Urban Monitoring Activities

Montana O₃ NAAQS Compliance

Designation Letter Submitted to EPA on March 5, 2009: Attainment or Unclassifiable Designation for All Areas State-Wide

Rural Ozone Sources / Concerns



Metropolitan Statistical Area Sources / Concerns

2008 Revised Lead (Pb) NAAQS

(October 15, 2008)

- Primary NAAQS = 0.15 ug/m^3
 - Prior NAAQS = 1.5 ug/m^3
- Secondary NAAQS = Identical
- No New Monitoring Requirements for Montana
 - No MSA > 500,000 population
 - No point source > 1 tpy Pb emissions

Montana Pb NAAQS Compliance

- **Montana Designation Letter Due October 15, 2009**
- **East Helena 1978 Pb NAAQS Nonattainment Designation**
 - Default 2008 NAAQS Nonattainment Designation
- **All Other Areas State-Wide Attainment or Unclassifiable**

